--2. Description of the Prior Art--;

Line 10, after "with" insert --a-- and after "mill" delete "," and delete "for";

On page 2, after line 19, beginning its own line insert the heading

--SUMMARY OF THE INVENTION--;

Line 26, after "manner" insert --.-- and delete ", in order"

On page 3, line 1, delete "for", change "the" to --The--, delete "values" and insert --

amount of heat and the temperature profile--, and change "to" to --may--;

Line 2, after "system" delete --, in order--;

Line 6, delete "to determine";

Line 7, change "slab" to --slab is determined by--;

Line 10, after "slab," insert --calculating--;

Line 13, delete "are calculated";

Line 14, after "and" insert --using--;

Line 16, delete "is used";

On page 4, line 6, delete "there is provision for the" and insert --a--;

Line 7, after "method" change "to" to --may--;

Line 12, after "the" in its second occurrence insert --finite element calculation--;

On page 5, line 3, delete "For the" and insert --The finite element calculation method of

the--, after "present invention" delete "," and insert --may comprise--;

Line 9, delete "On line" and insert --However--;

Line 10, after "slow" insert --for use on-line--;

Line 14, after "enough" insert --to use on-line--;

After line 23, starting its own line insert the heading

--DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--;

Line 25, after "model" delete "," insert --which--; and change --using-- to --uses--;

On page 6, line 5, after "to" delete "make a good estimation, of" and insert --estimate--;

Line 7, after "the" in its third occurrence insert --present--;

Line 8, change "can" to --may--, delete "draw conclusions as to" and insert --determine--;

Line 10, after "bay" delete "," insert --. Furthermore--, and after "to" delete --draw conclusions concerning-- and insert --determine--;

Line 17, change "is able to replace" to --replaces--;

Line 19, after "The" insert --continuous-casting--;

Line 21, after "the" insert --present--;

Line 24, change "invention " to --inventive method--;

On page 7, line 4, delete "aim of an application could be" and insert --inventive method may be used--;

Line 8, delete "by way of" insert --the--, after "example" insert --includes--, after "420" insert --discrete--, after "elements" insert --.-- and delete "are";

Line 9, delete "discretized";

Line 23, delete "is"

Line 24, delete "close to reality" and insert --approximates the actual value--;